

MAIN FEATURES

- > **Wireless technology providing optimum signal integrity and security.**
- > **Dual tamper function**
- > **Battery life - up to 4 years**

Description

The **Door Contact Models IDC 200/601/701** is a battery operated, wireless door contact designed for use in Videofied security systems. Door contacts are intended for use in detecting the opening and closing of doors, windows, or cabinet doors/drawers.

The IDC 200/601/701 consist of a switch detector with S²View[®] spread spectrum, Videofied, interactive, encrypted wireless circuitry for secure two-way communications with the control panel. A dual tamper function provides detection for both wall and cover tamper. The transmitter is typically installed on the stationary surface of an opening (door frame or window frame), while the magnet is installed on the door or window.

With the door or window closed, the magnetic field forces a reed switch inside the detector to close, creating a secured condition. When the alarm system is armed and the door or window is opened, the detector transmits an open signal. The control panel receives this signal and responds according to system configuration/programming.

The detector is powered by one lithium battery that can last up to four years, depending on the amount of detector activity. The detector transmits a check-in signal every eight minutes that includes its unique identification code along with the current alarm state, tamper conditions, serial number, date of manufacture, software version and battery status.



Features

- > S²View[®]— Spread Spectrum, Videofied, Interactive, AES Encrypted Wireless technology provides optimum signal integrity and security.
- > Supervised - transmits a check-in/status signal every 8 minutes indicating open/closed state, tamper conditions, serial number, date of manufacture, software revision and battery status.
- > Dual tamper - provides detection for both wall and cover tamper.
- > Duracell CR123A Lithium battery - Up to four years.

Applications

Residential

- > Doors
- > Windows
- > Cabinet doors/drawers
- > Other similar openings

Commercial

- > Doors
- > Windows
- > Overhead garage doors
- > Cabinet doors/drawers
- > Other similar openings

Properties

Panel Compatibility XL, XLL, Visio, XT, XV and their variants

Power Requirements

Nominal Voltage 3.0V
 Low battery limit 2.7V
 Battery Type Lithium
 Quantity 1
 Manufacturer and reference Duracell, CR123A
 Battery life Up to 4 years

Current Consumption

Standby 35 µA
 Max 35 mA

Magnet Detection

Detection axis (X1, X2, Y, Z)
 Opening detection distance 20 / 20 / 29 / 41 (mm)
 Closing detection distance 4 / 6 / 16 / 24 (mm)
 Initialization delay 10s
 Recovery delay 2s

RF Technology S²View®

Radio type Spread Spectrum Bidirectional RF
 Central Frequency :
 868MHz : IDC200 & (Europe, Africa, Asia)
 915 MHz FHSS : IDC601 (USA, Canada, South America)
 920MHz FHSS : IDC701 (Australia, South America)

Transmission Security AES algorithm encryption
 Supervision Polled signal every 8 minutes
 Antenna Integrated

Tamper Wall and cover tamper

Installation / Mounting

Detector

One screw secures cover to base;
 Two screws secure detector to mounting surface.

Magnet

Two screws secure magnet assembly to mounting surface.

Physical Data

Operating temperature -10° to +55°C (14° to 131°F)
 Maximum relative humidity 75%, non-condensing
 Material Plastic: ABS—ULVO
 Magnet Alnico 5
Dimensions LxWxD
 Body 3.7 x 1 x 0.86in (95 x 25.8 x 22mm)
 Spacer 2.5 x 0.59 x 0.39in (64 x 15 x 10mm)
 Magnet 2.5 x 0.59 x 0.43in (64 x 15 x 11mm)
 Weight: Detector 38g/1.4oz. – without battery
 Physical Protection IP31 and IK04

Standards & Certifications

868MHz - IDC200 & IDC210

Certifications CE / EN50131 / NF&A2P
Standards EN60950-1:2006+/A11:2009+/A1:2010
 EN300220-1 V2.4.1
 EN300220-2 V2.4.1

NF&A2P – 2 boucliers – suivant le référentiel NF324-H58
Matériels de sécurité électroniques, détection d'intrusion
DETECTEUR D'OUVERTURE A CONTACT

Commercial Brand : **Videofied**
 Product reference : **IDC200** (blanc) **IDC210** (brun)
 Certification Number : 2123200004A0 2123200004B0

Standards

NF EN50131-2-6: 2008 Grade 2
RTC 50131-2-6: 2011
NF EN50131-5-3: 2005
NF EN50130-4: 2011
NF EN50130-5: 2011 Classe II

Certifying agency :
CNPP Cert.
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 Fax: +33(0)2.32.53.64.46
 Sites Internet : <http://www.cnpp.com>
 Email : certification@cnpp.com

Certifying agency :
AFNOR Certification
 11, rue François de Pressensé
 93571 Saint Denis La Plaine Cedex
 Tel : +33(0)1.41.62.80.00
 Fax: +33(0)1.49.17.90.00
 Sites Internet : <http://www.afnor.org>
 et <http://www.marque-nf.com>
 Email : certification@afnor.org

Others Certifications Netherlands NCP
 Singapour IDA
 South Africa ICASA

915MHz FHSS - IDC601

Certifications USA FCC Part 15C (FCC47 CFR Part 15)
 Canada IC (RSS-210 Issue 8)

920MHz FFHS - IDC701

Certifications Australie C-Tick (AS-NZS4268)

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